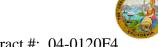
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453

(707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** WIR-008093 Address: 333 Burma Road **Date Inspected:** 29-May-2009

City: Oakland, CA 94607

OSM Arrival Time: 645 **Project Name:** SAS Superstructure **OSM Departure Time:** 1845 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name: CWI Present: Yes Wan Wen Zhong No **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A N/A **Electrode to specification:** Yes No Weld Procedures Followed: Yes No N/A N/A **Qualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A N/A N/A **Approved Drawings:** Yes No **Approved WPS:** Yes No Yes No N/A **Delayed / Cancelled:**

34-0006 **Bridge No: Component:** TOWER COMPONENTS

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, Gady Rao, was present during the times noted above for observations relative to the work being performed.

Magnetic Particle Testing:

This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an MT report for this date. The member(s) & the weld designations reviewed are as follows:

Bay 10

Inspection part Section Inspection Area.

ESD1-SA300B/F-8to11;14/15;18/19/20. East Tower;Lift-2;Skin-A to Dual Plate Bay-10

NSD1-FDSA3-1B/C-22/23;43/44;29/30;36/37 North Tower; Lift-3; Skin-D & Stiffeners Bay-10

NSD1-FDSA3-1B/C-27/34/41/48/49/51/53/55(VT only) North Tower; Lift-3; Skin-D & Stiffeners Bay-10

Bay 10

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

SAW

SAW welding of weld joint SSD1-FASA4-1A/E-4A located on PCMK Skin-A; Lift-4; South Tower. Welder is identified as 207745. ZPMC QC is identified as Tu Jun. The welding variables recorded by QC appeared to comply with the B-T-2221-B-U3C-S-2.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant Conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Serge Sinevod 134-8257-0045., who represents the Office of Structural Materials for your project.

Inspected By:	Rao,Gady	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer